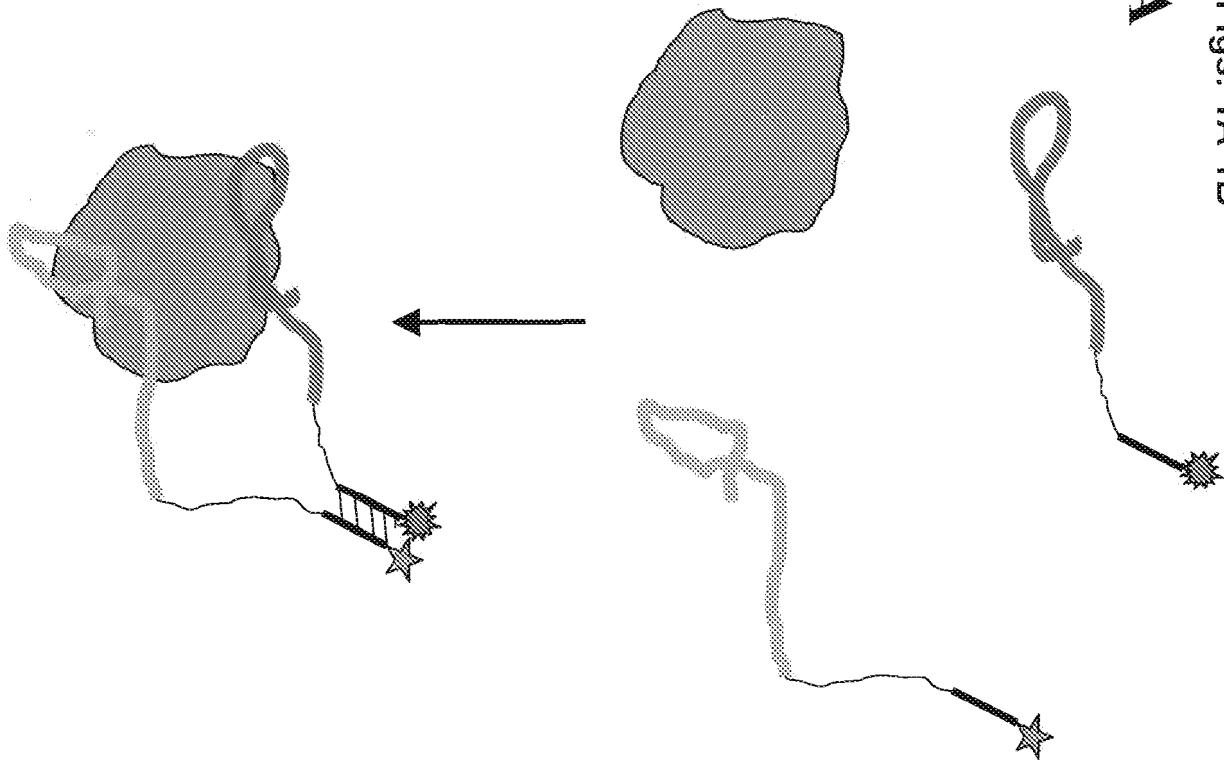
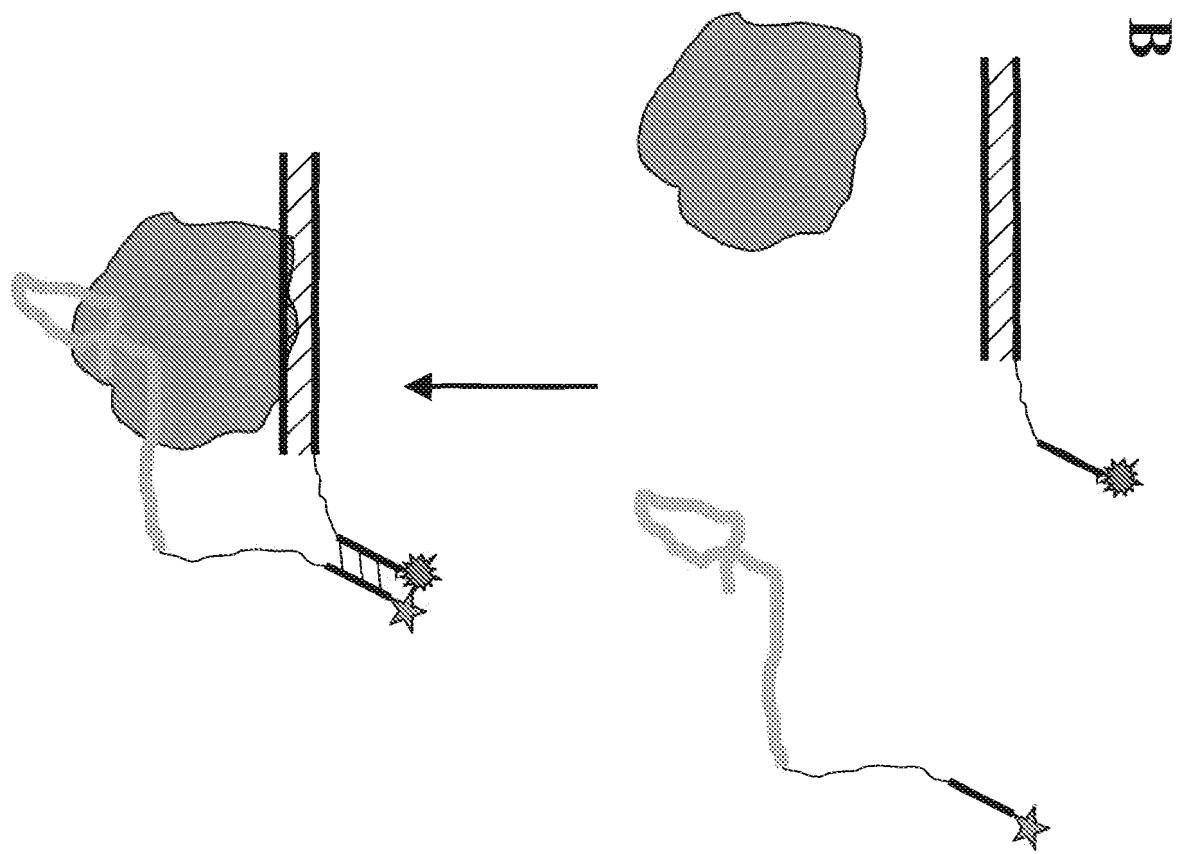


Figs. 1A-1B

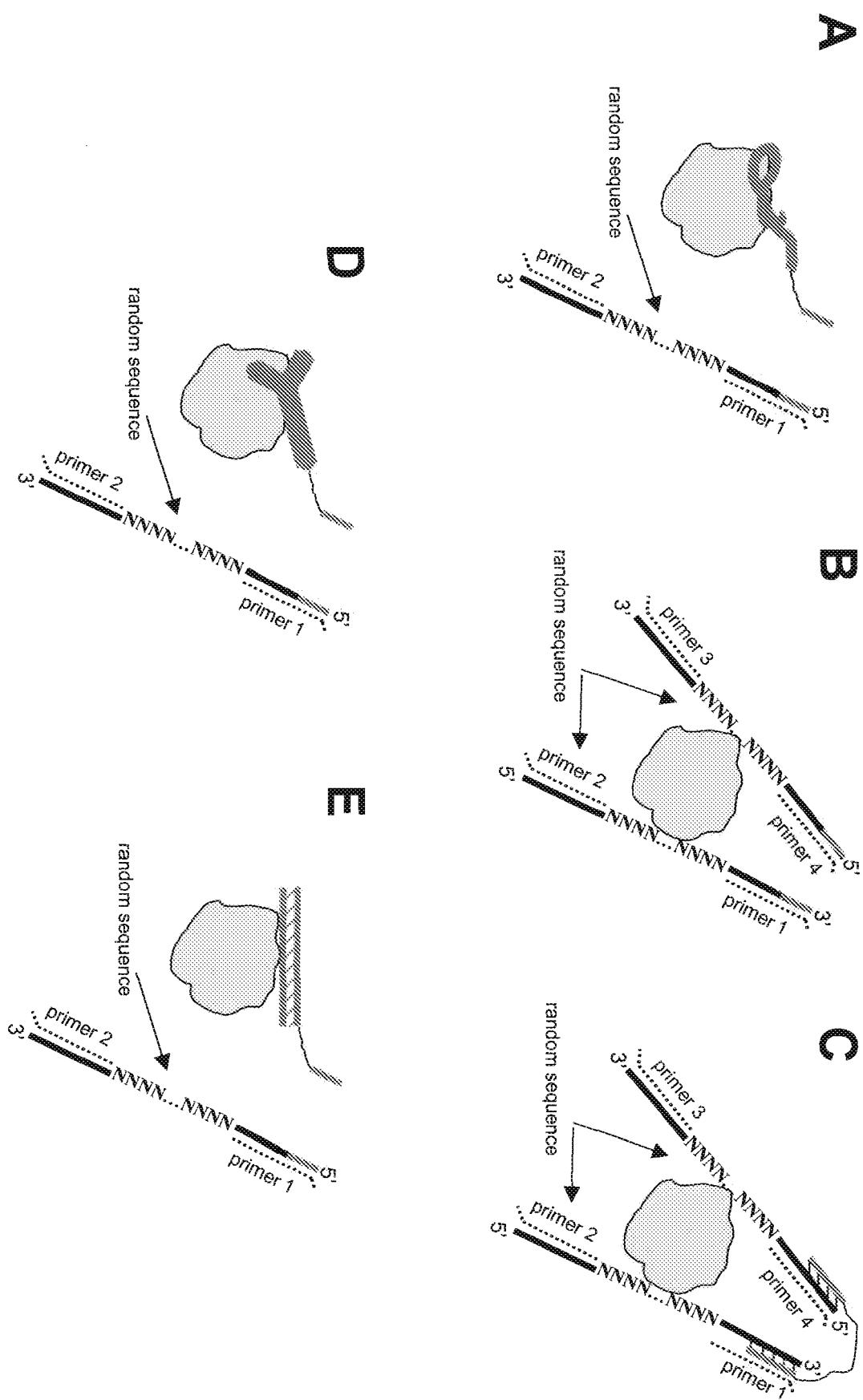
A



B

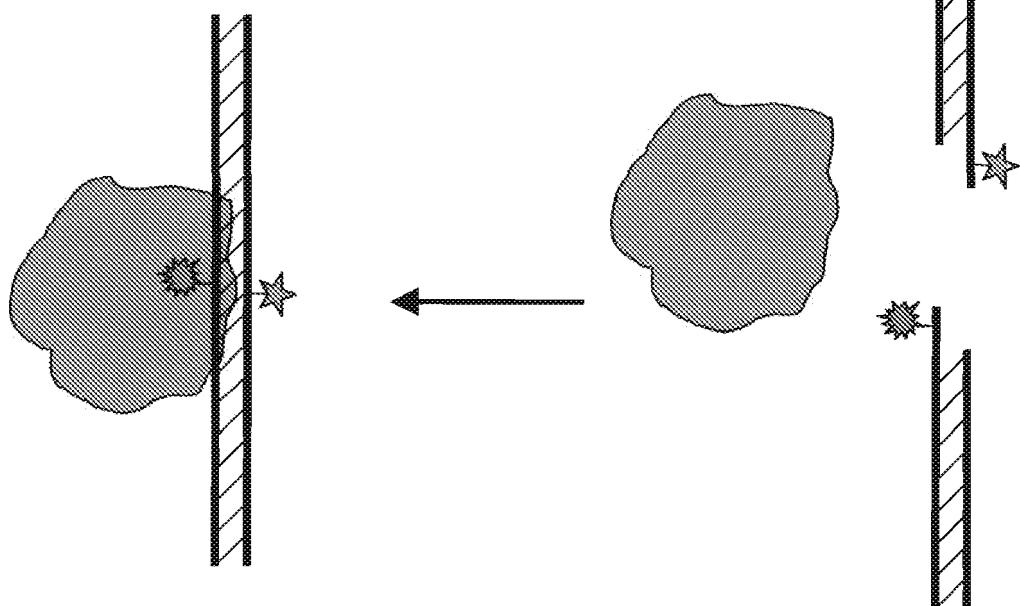


Figs. 2A-2E



Figs. 3A-3B

A



B

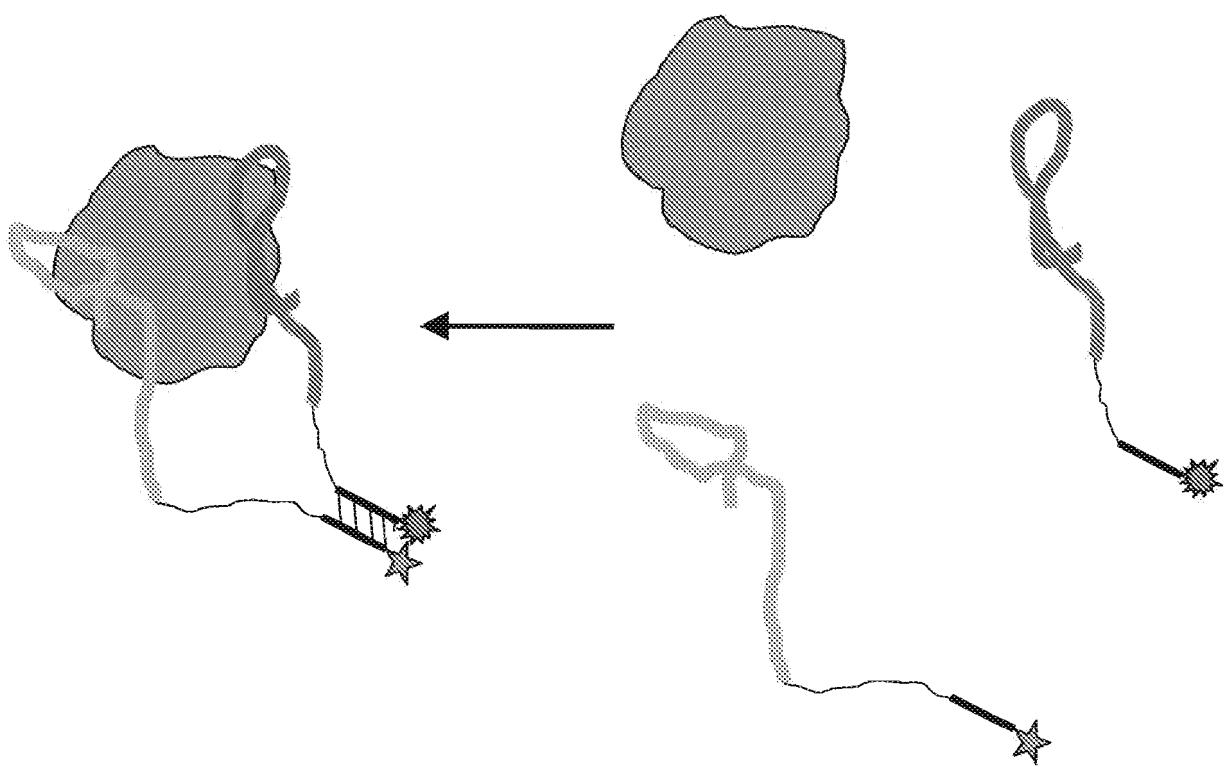
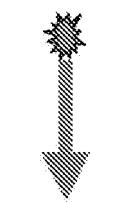


Fig. 4

60-18 [29]

G15D



THR1

5' Fluorescein AGT CCG TGG TAG GCC AGG TTG GGG TGA CT



THR2

5' Fluorescein GGT TGG TGT GGT TGG



THR3

AGT CCG TGG TAG GGC AGG TTG GGG TGA CT



THR4

GGT TGG TGT GGT TGG



THR5

AGT CCG TGG TAG GGC AGG TTG GGG TGA CTX XXX XXX XGG TTG GTG TGG TTG G



THR6

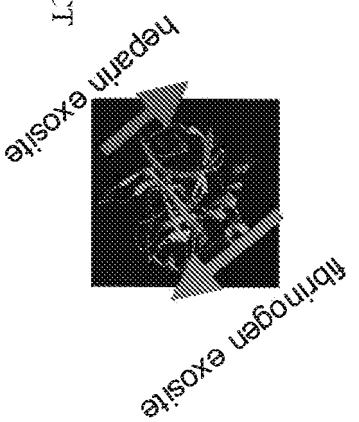
AGT CCG TGG TAG GGC AGG TTG GGG TGA CTX XXX XXX XXX GGT TGG TGT GGT TGG



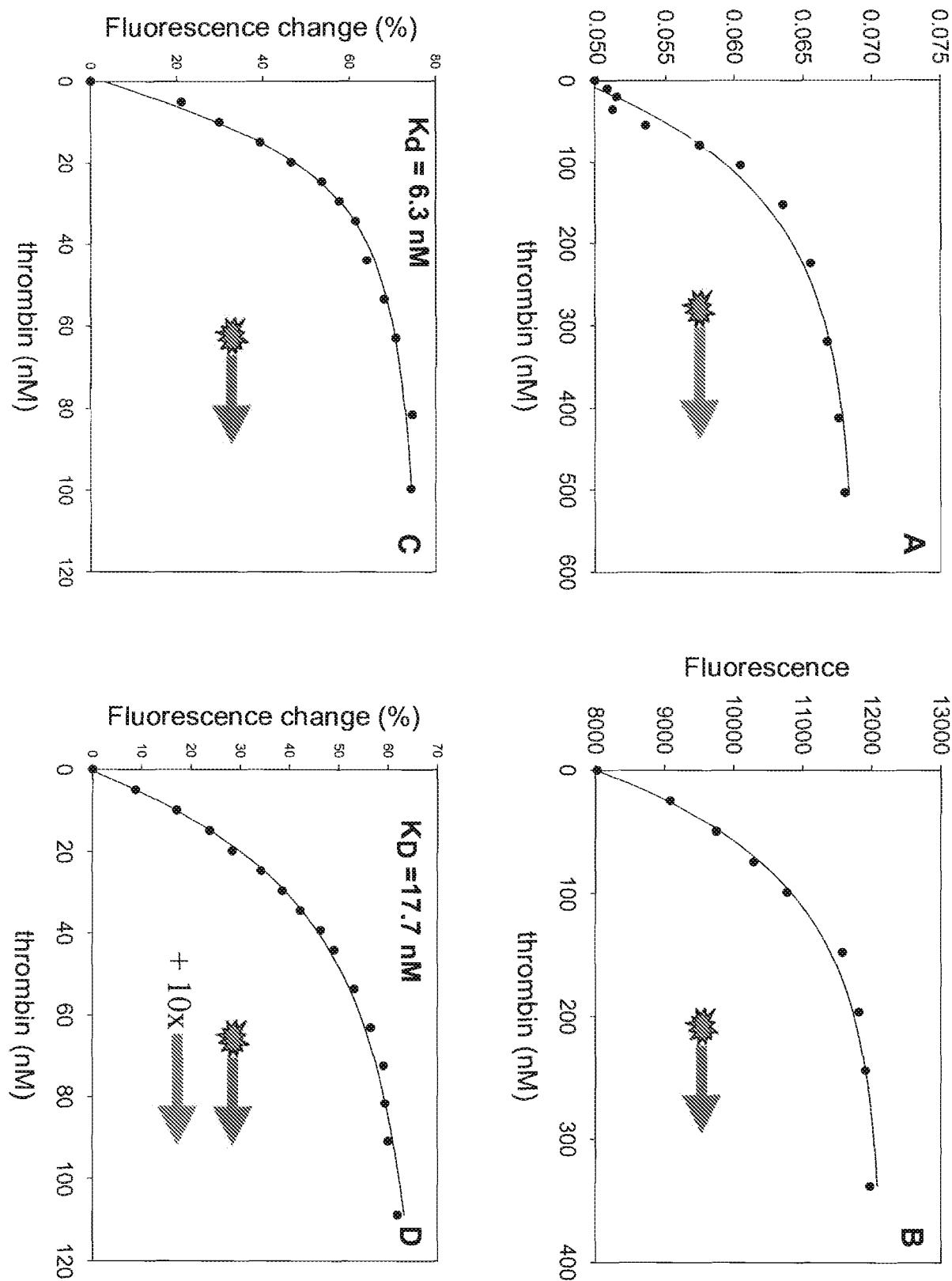
THR7

GGT TGG TGT GGT TGG XXX XXX XXX XAG TCC GTG GTA GGG CAG GTT GGG GTG ACT

X = Spacer18



Figs. 5A-5D



Figs. 6A-6D

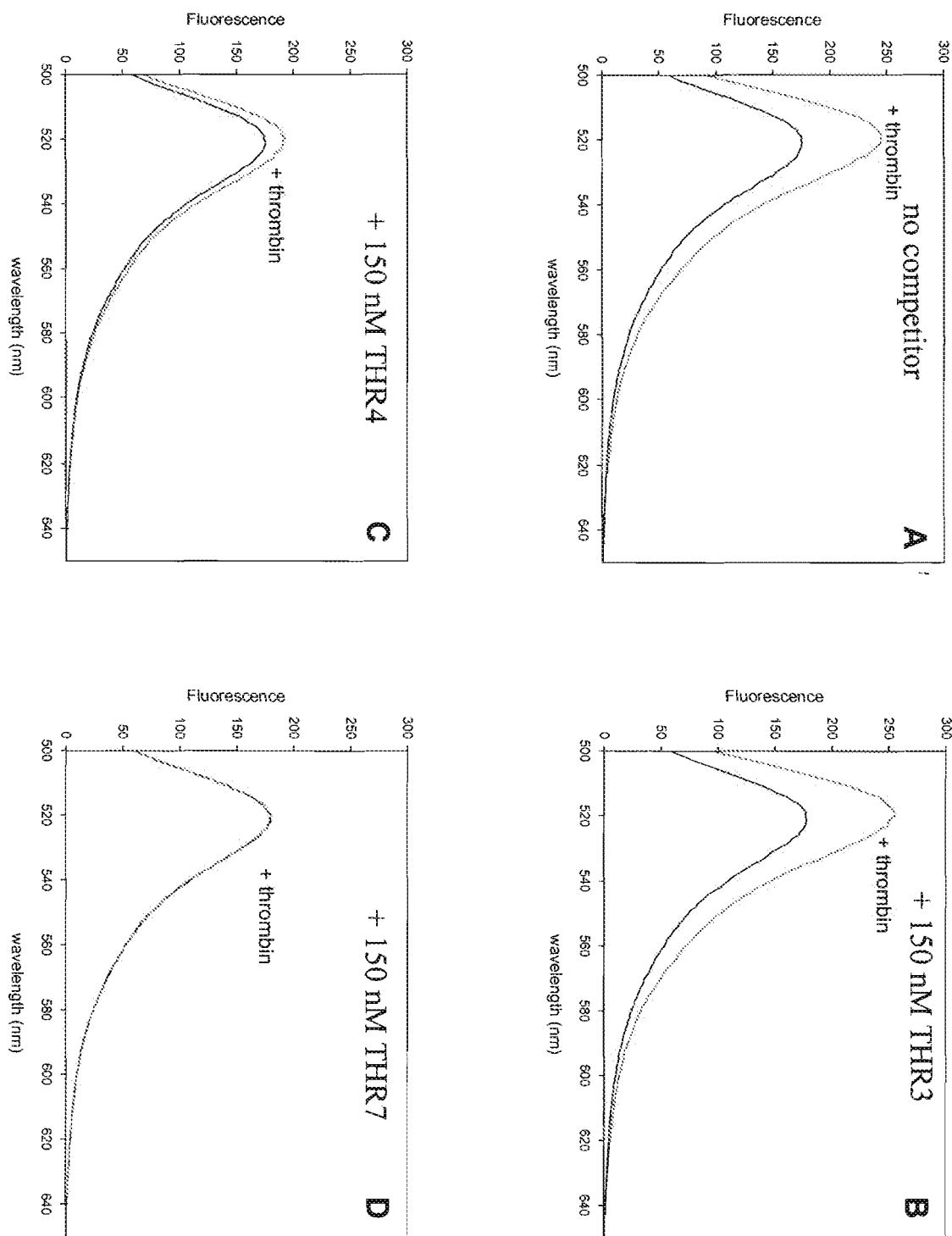
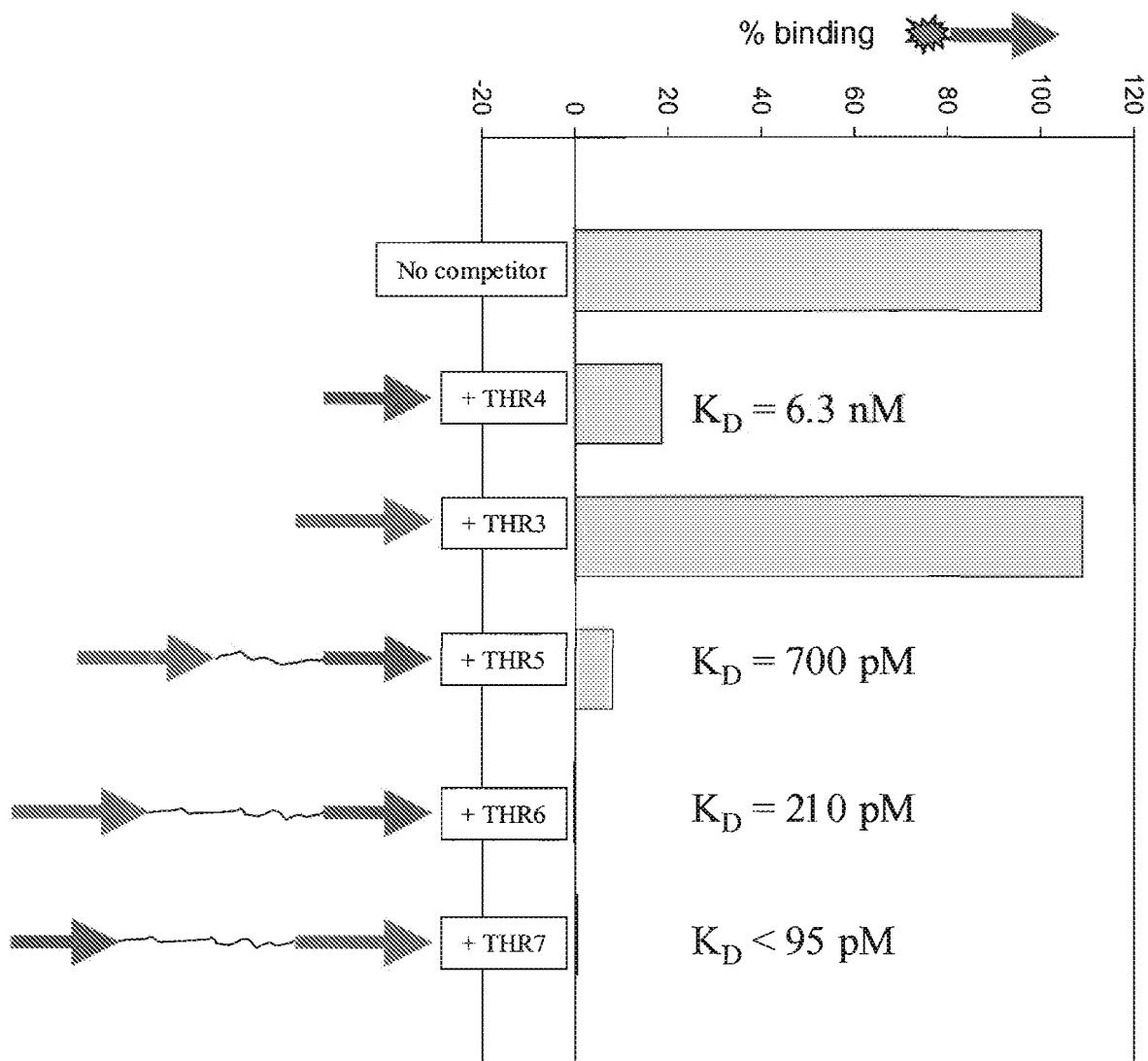
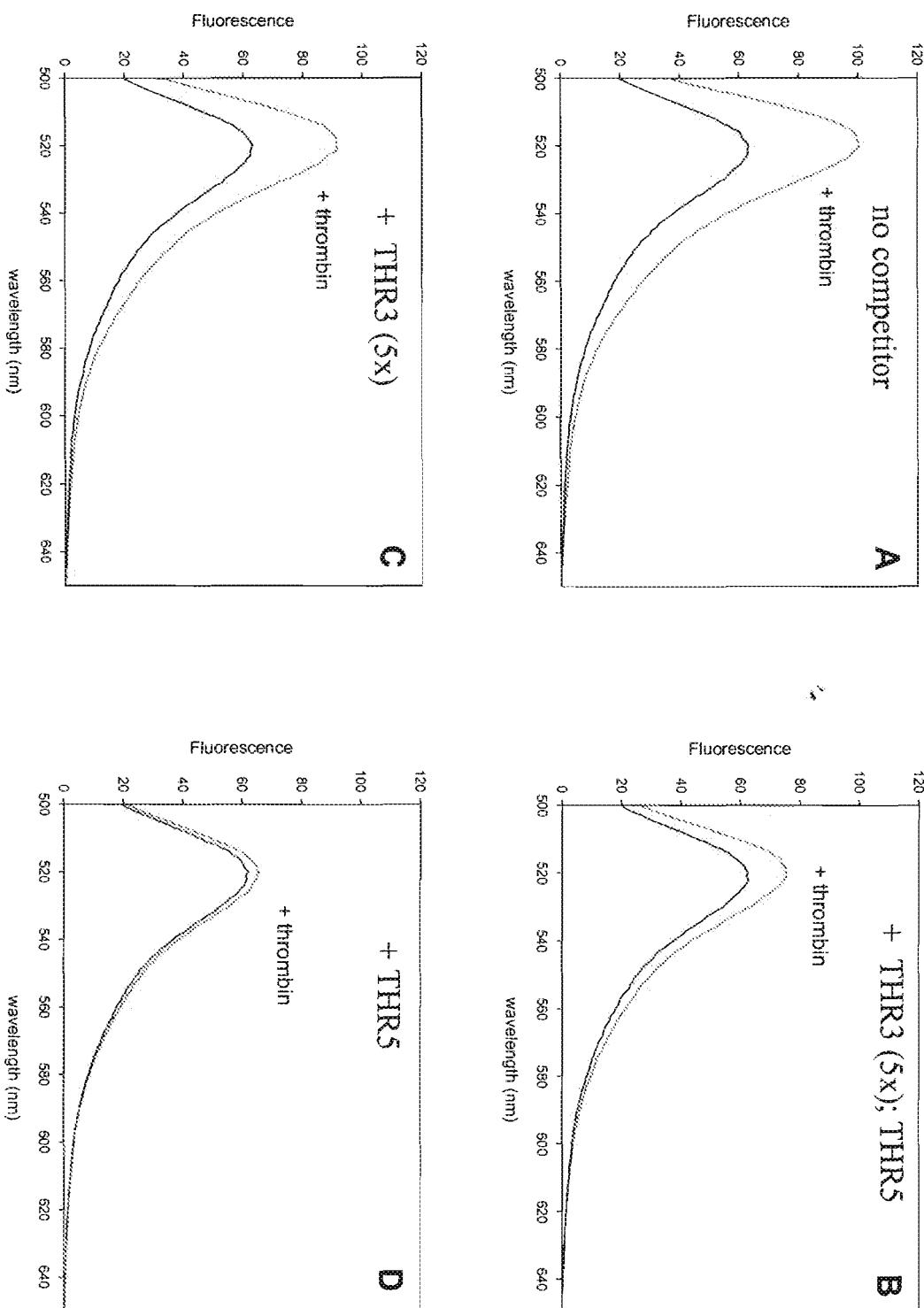


Fig. 7

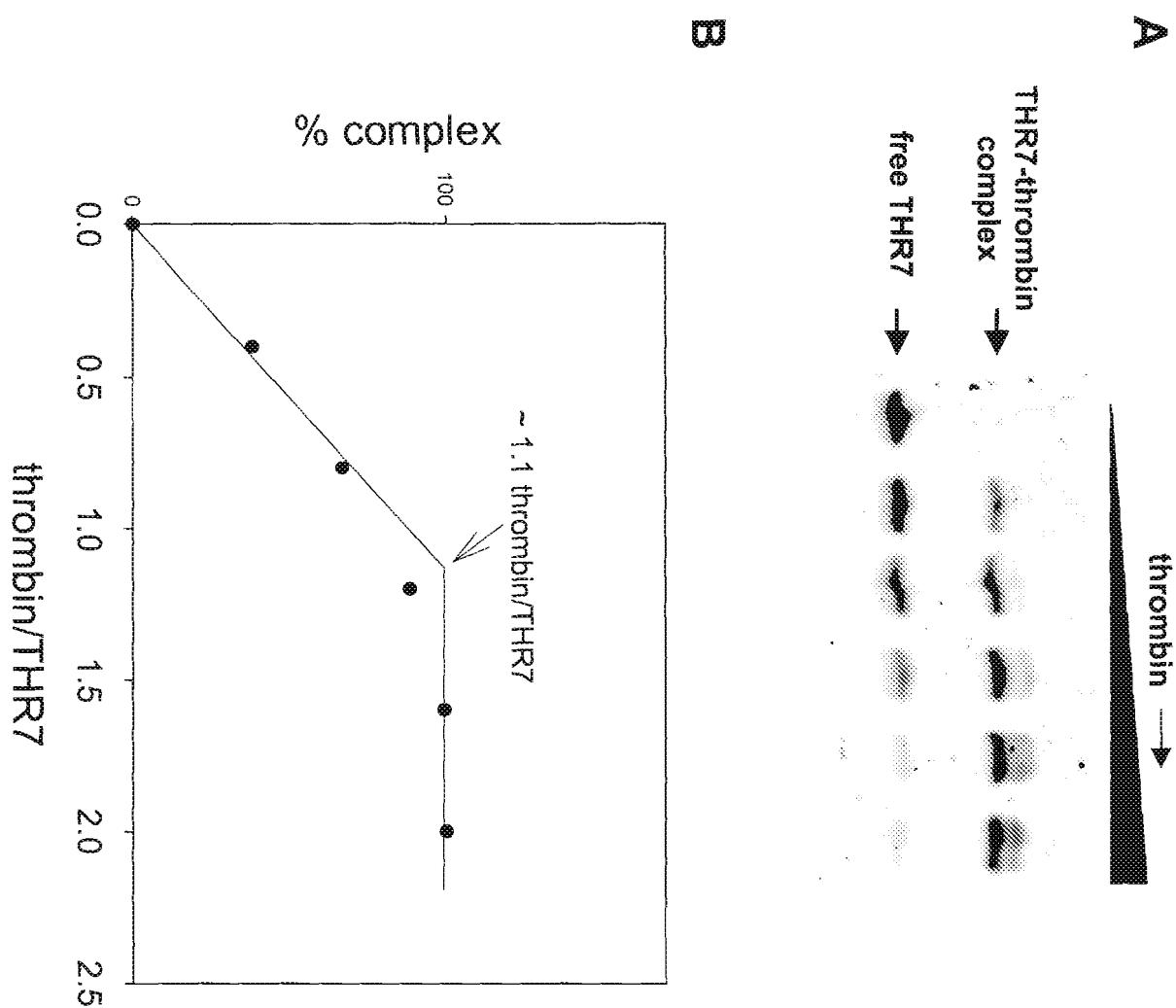


Figs. 8A-8D

8/33



Figs. 9A-9B



۷۰

60-18 [29]

G15D

THR14	GGT TGG TGT GGT TGG	TTT TTT T	CTG TCG TTA GTG AAG GTT
THR15	AAC CTT CACT TAA CGA CAG	TIT TTT T	AGT CCG TGG TAG GGC
	AGG TTG GGG TGA CT		

TIER 16

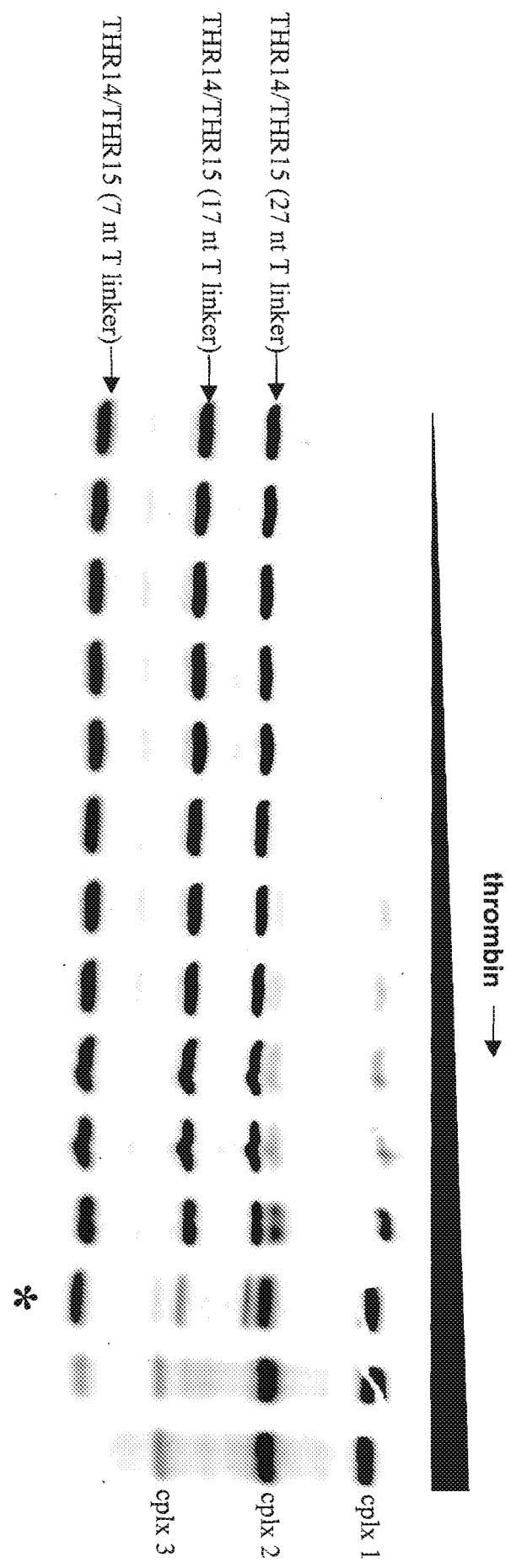
AAG GTI

1111

TAG GGC AGG TTG GGG TGA CT

THR18	GGT TGG TGT GGT TGG	TTT TTT TTT TTT TTT TTT TTT TTT TTT	CTG TCG
	TTA GTG AAG GTT		
THR19	AAC CTT CACTAA CGA CAG	TTT TTT TTT TTT TTT TTT TTT TTT TTT	AGT
	CCG TGG TAG GGC AGG TTG GGG TGA CT		

Fig. 11



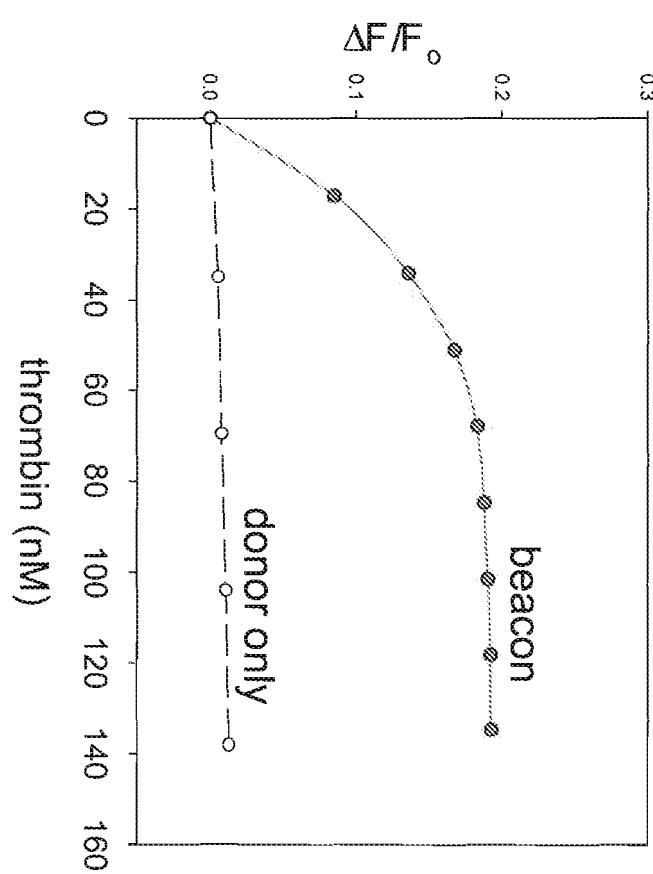
Figs. 12A-12C

THRS
GGT TGG TGT GGT TGG TTT TTT TTT TTT TTT TTT TT C GCA TCT 3'dabcy1
THR9
5' fluorescein AGA TGC G TTT TTT TTT TTT TTT TT AGT CCG TGG TAG GGC
AGG TTG GGG TGA CT

८८

A diagram showing a central node represented by a small rectangle with diagonal lines. Three arrows point towards this central node from the left, right, and bottom. Each arrow is composed of a series of small, diagonal line segments. The arrows originate from the top-left, top-right, and bottom edges of the central node, respectively.

6



Figs. 13A-13C

13/33

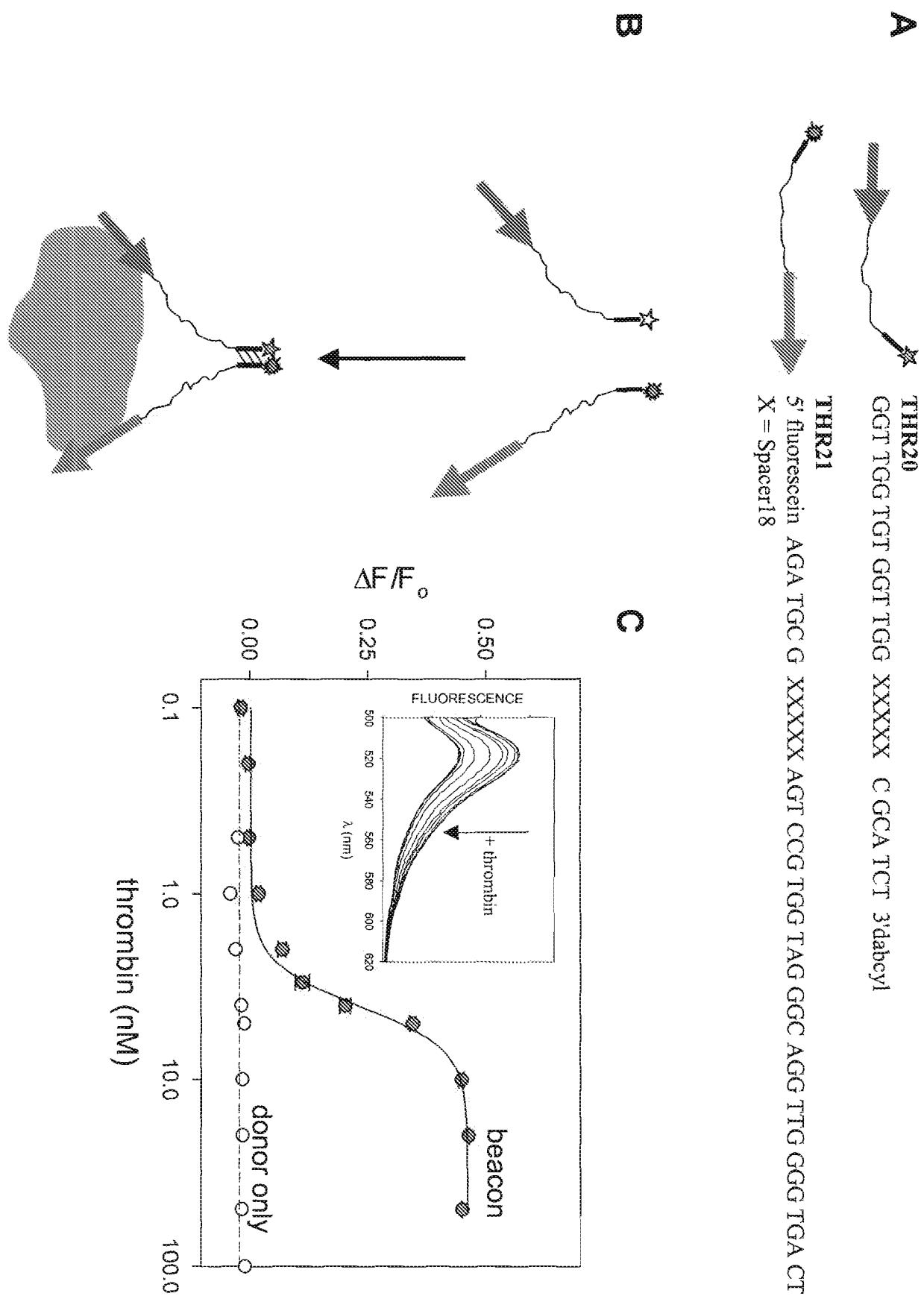
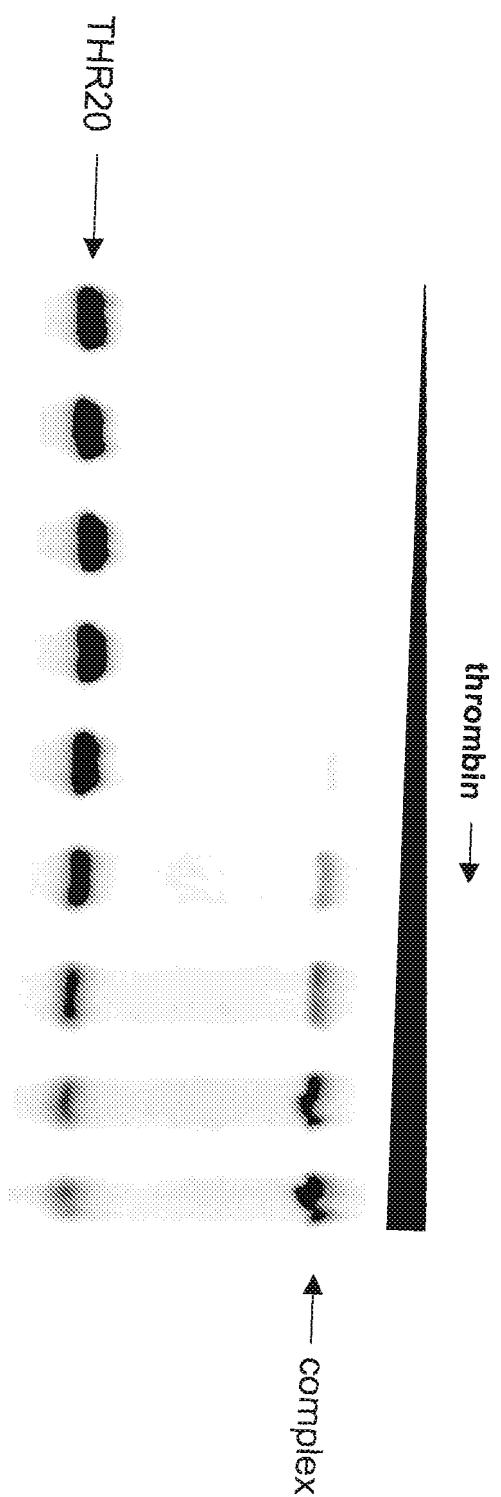
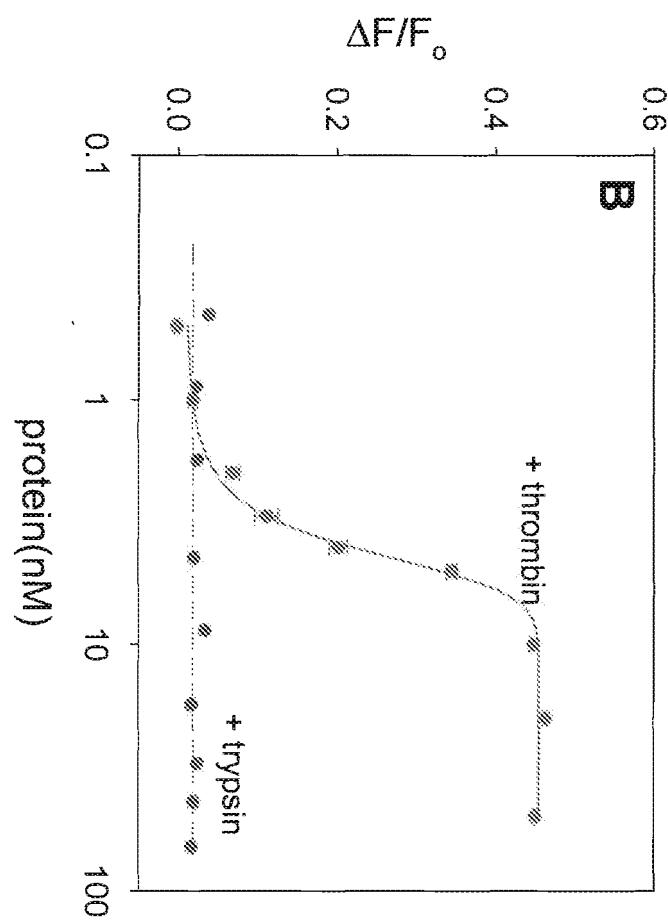
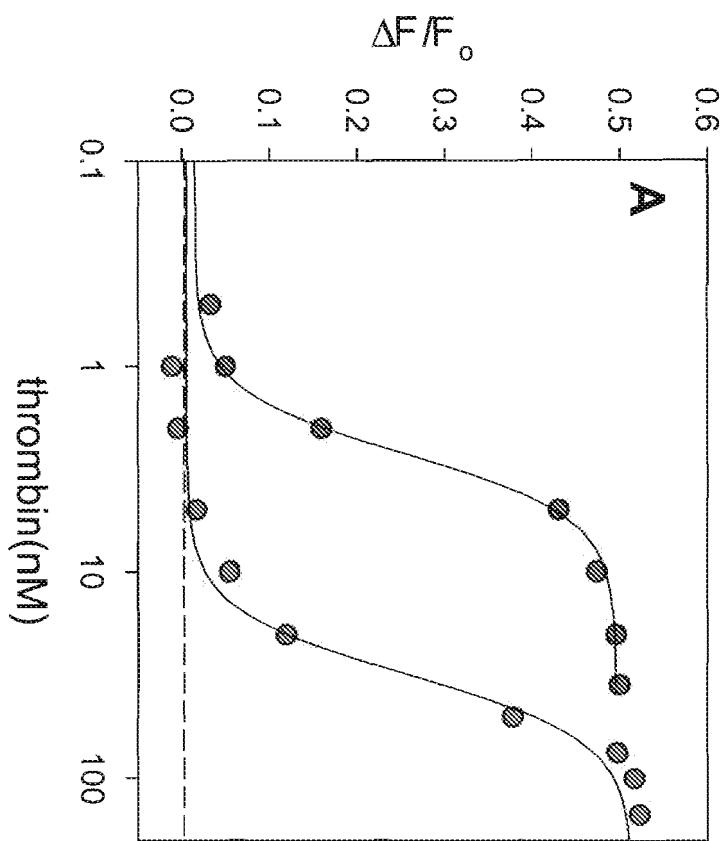


Fig. 14



Figs. 15A-15B



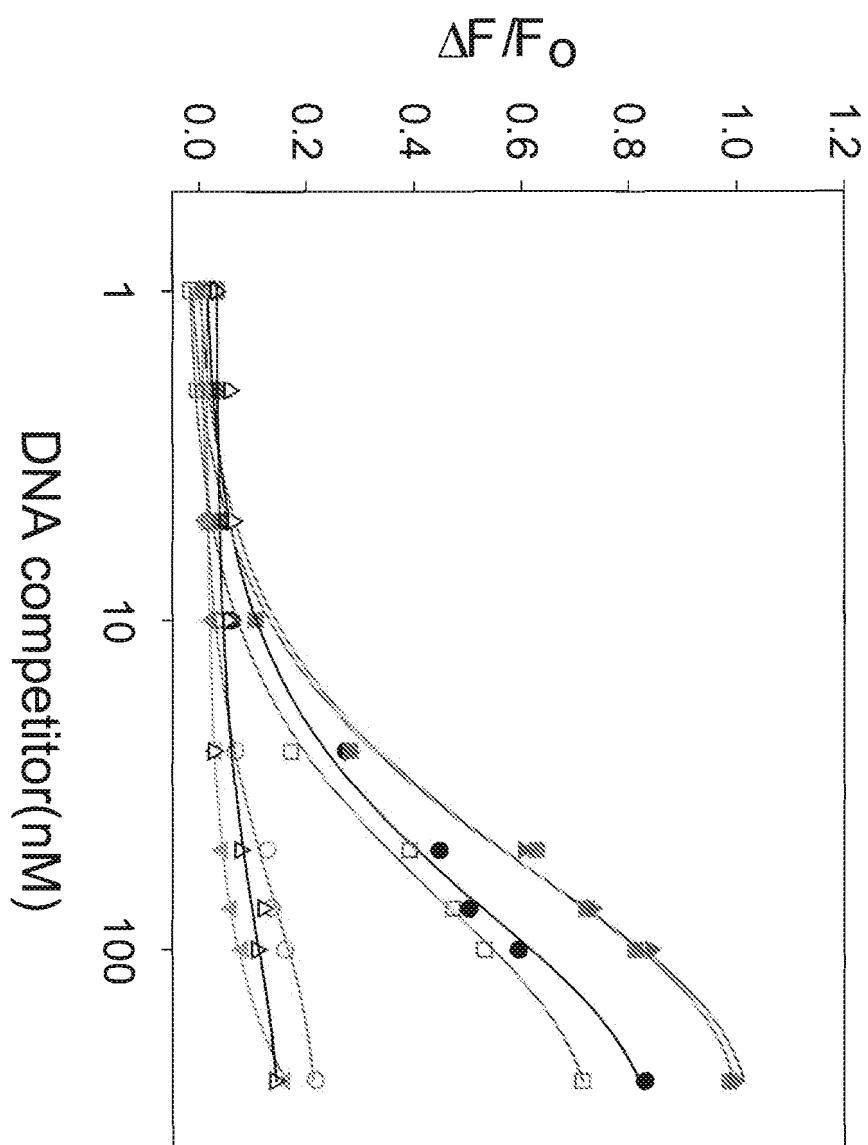
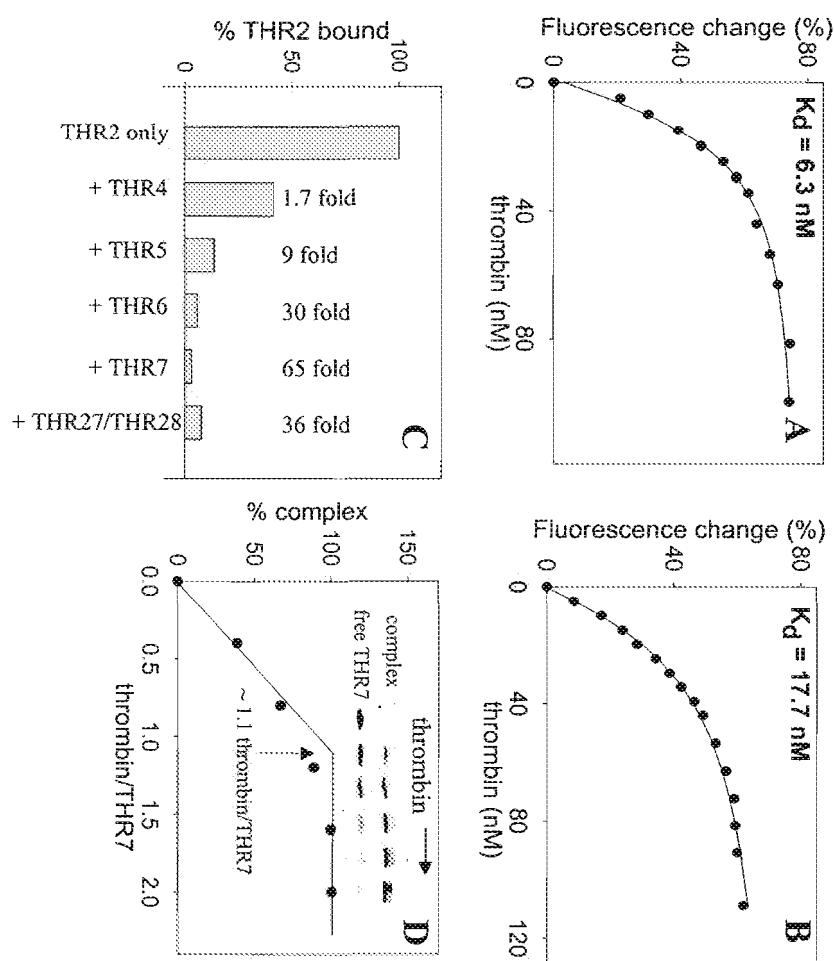
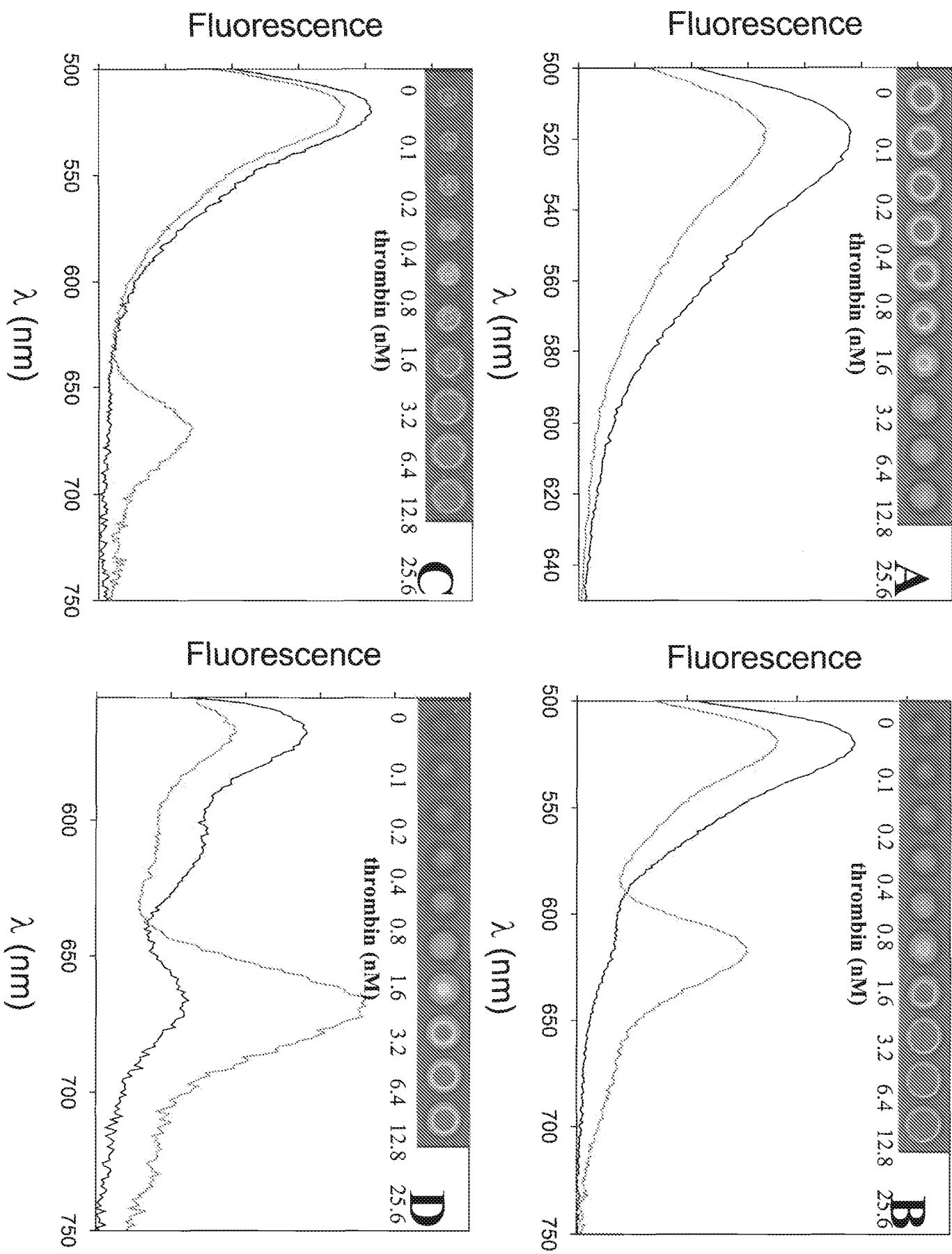


Fig. 16

Figs. 17A-17D



Figs. 18A-18D



Figs. 19A-19F

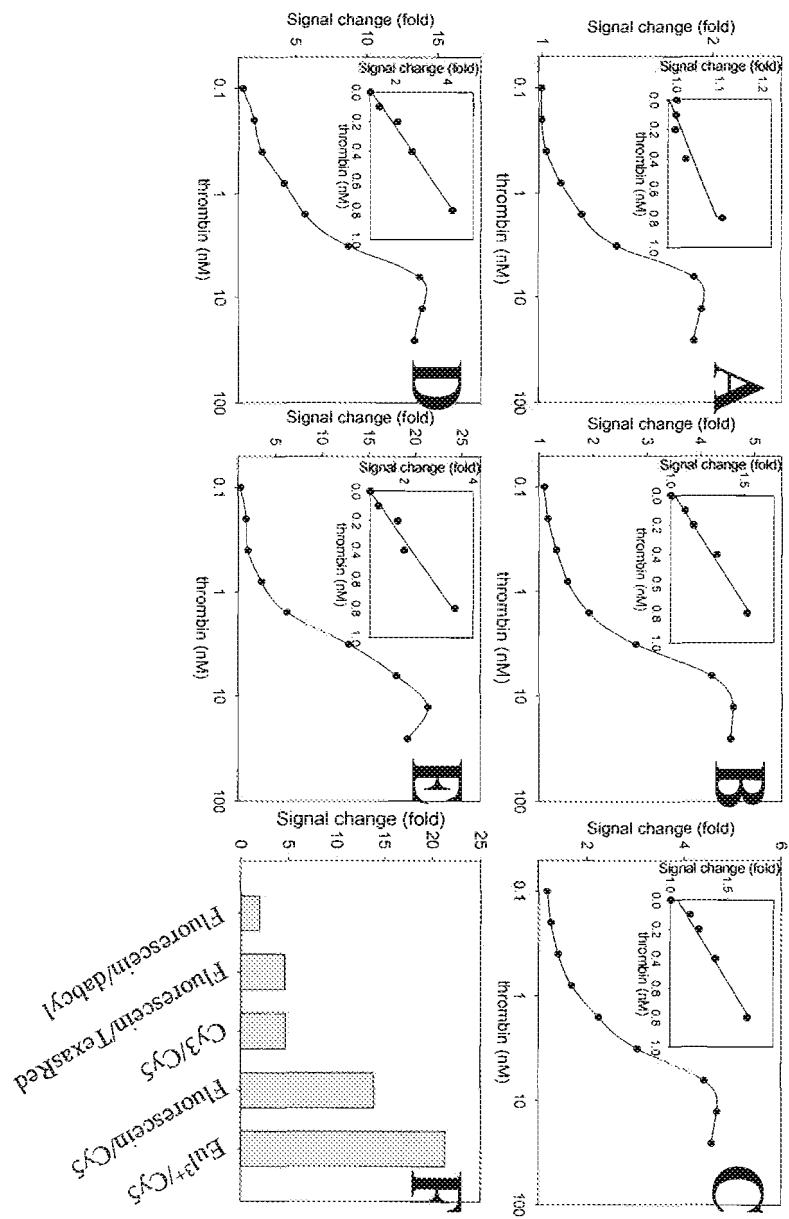
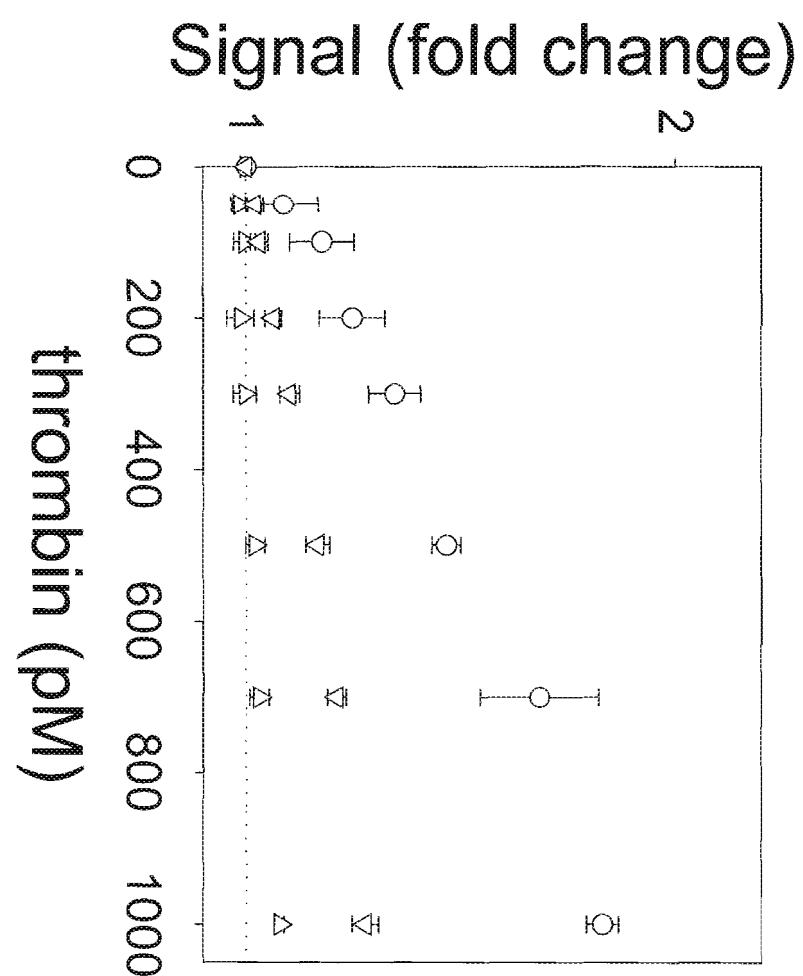
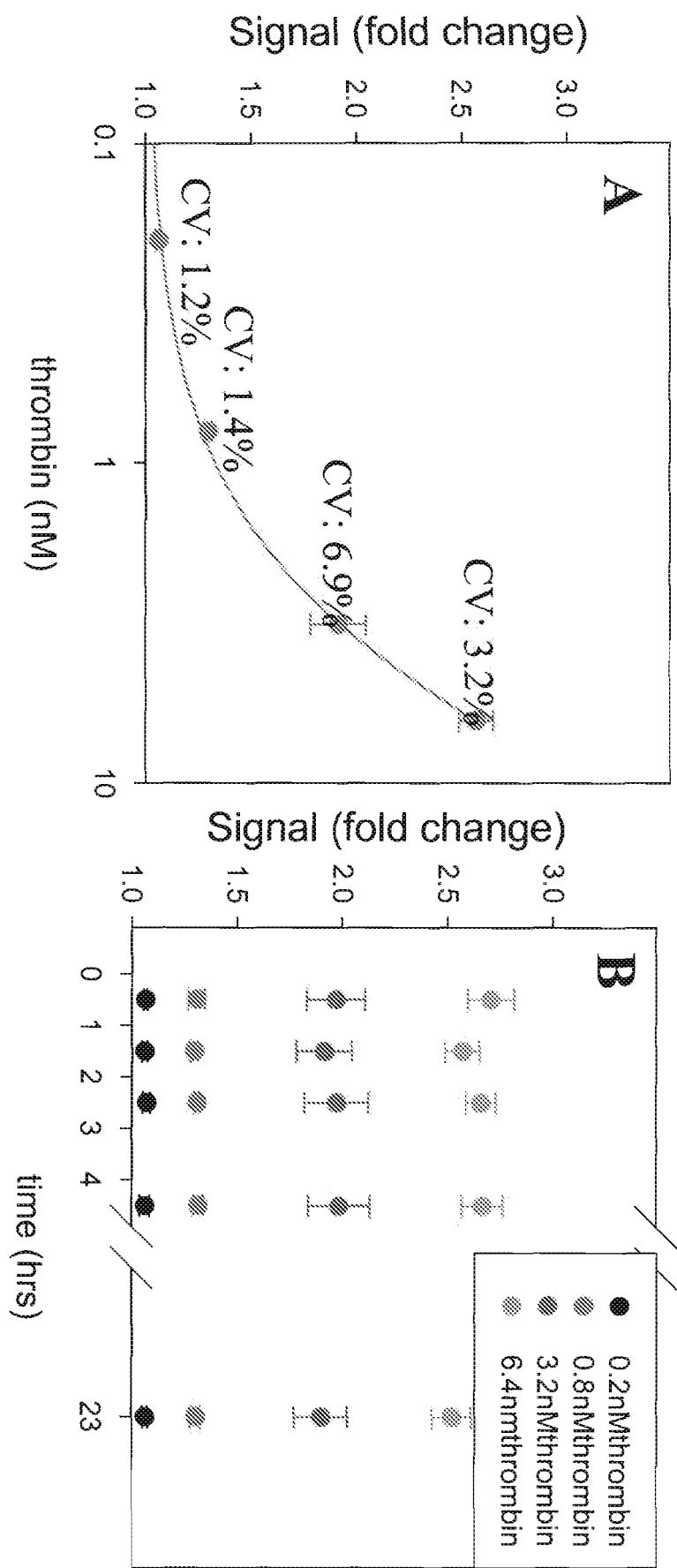


Fig. 20



Figs. 21A-21B



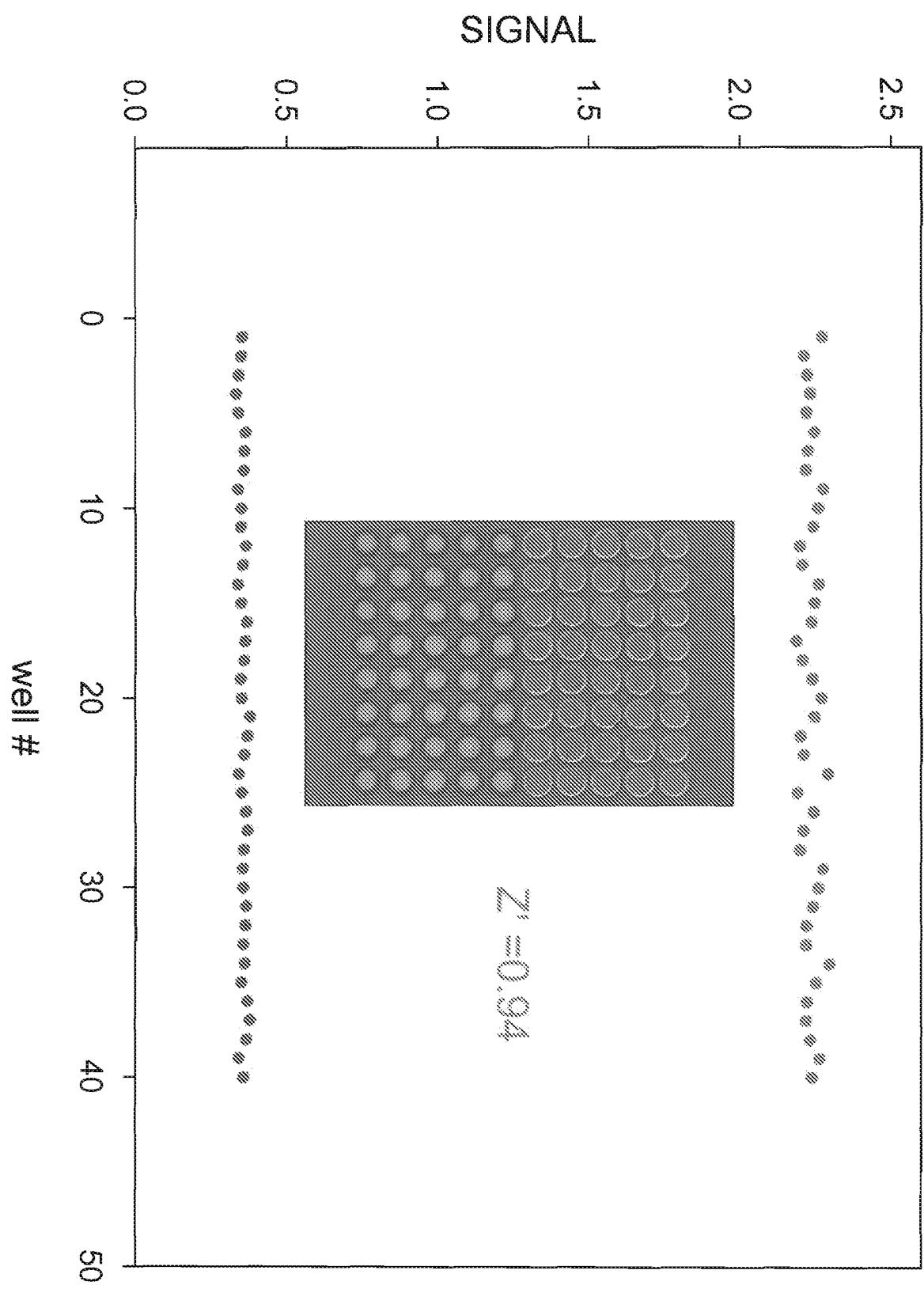
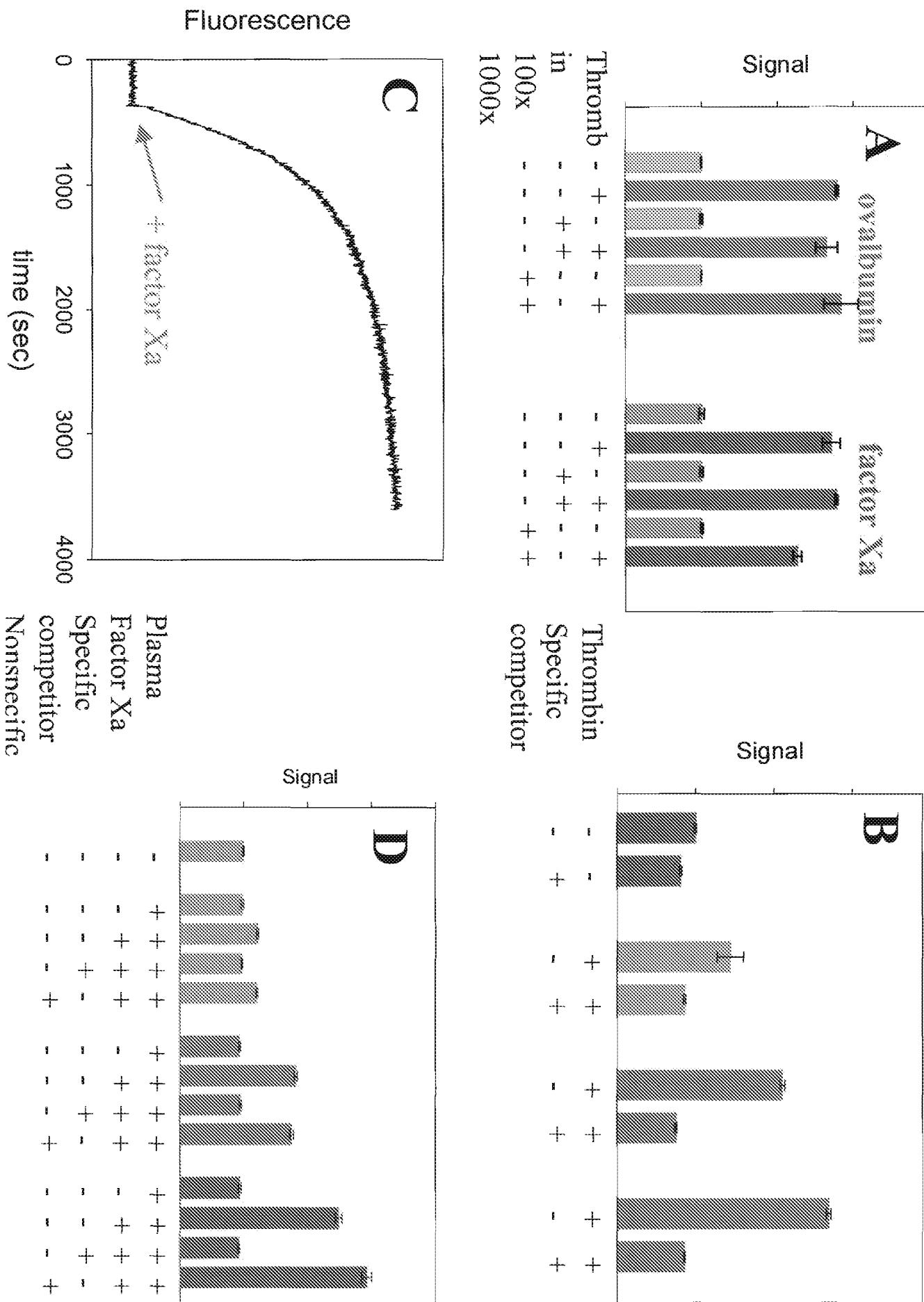


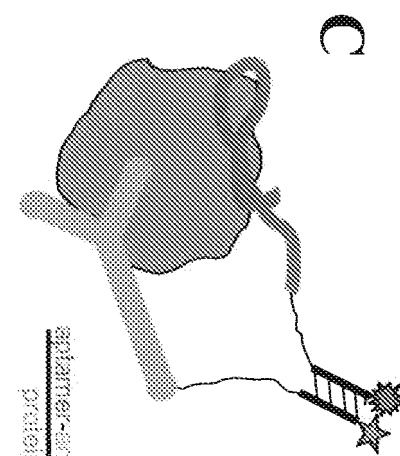
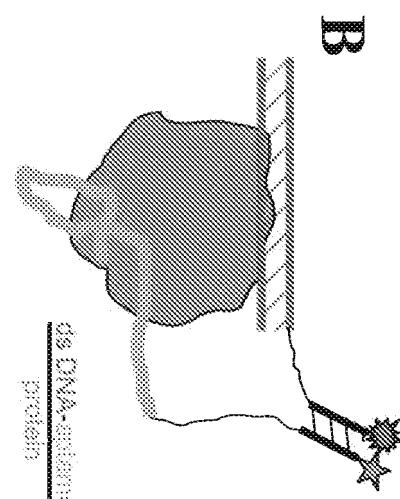
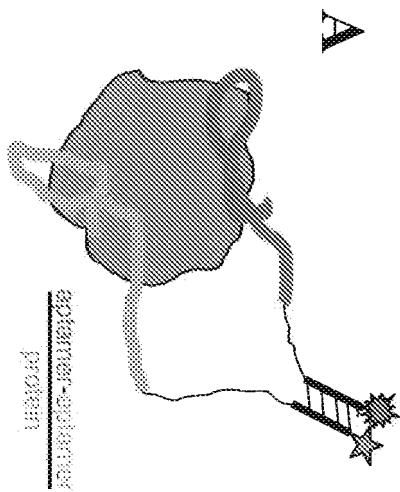
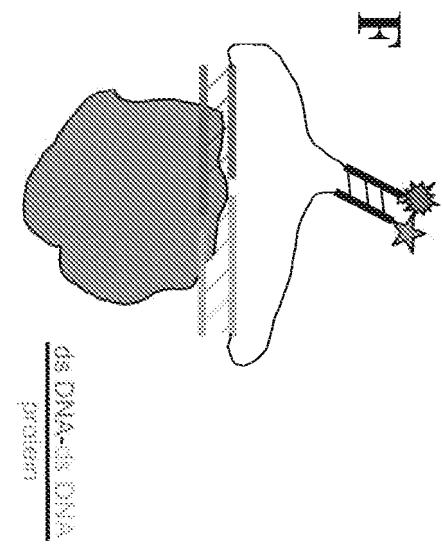
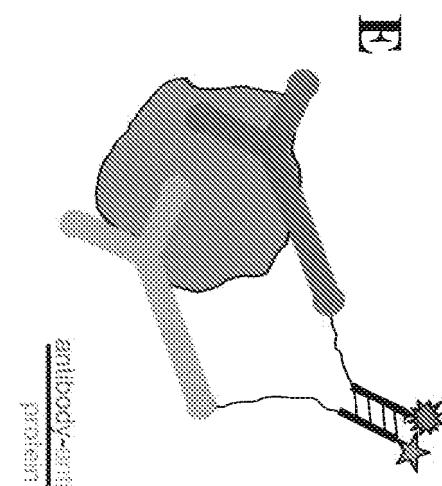
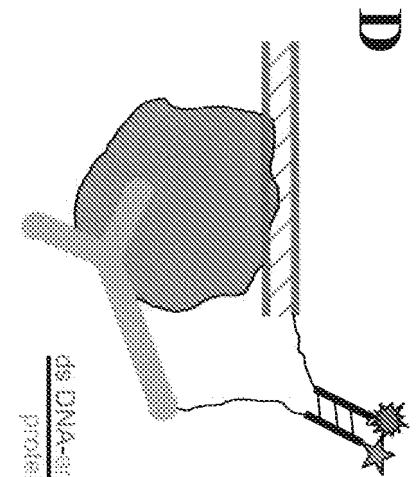
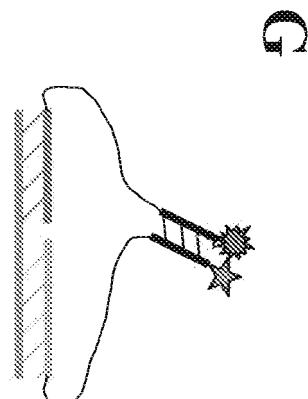
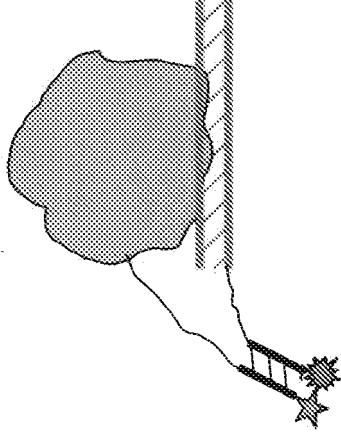
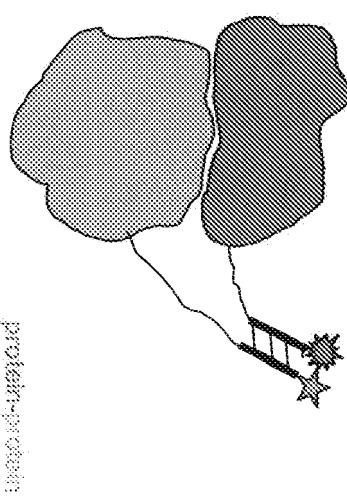
Fig. 22



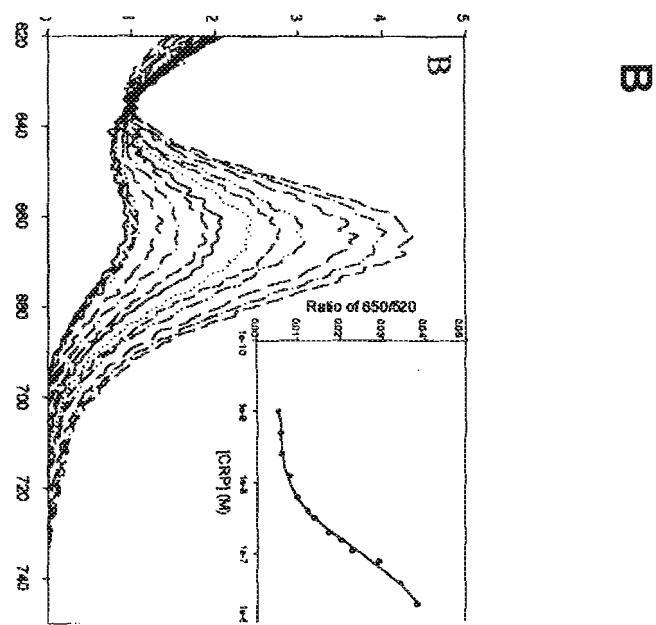
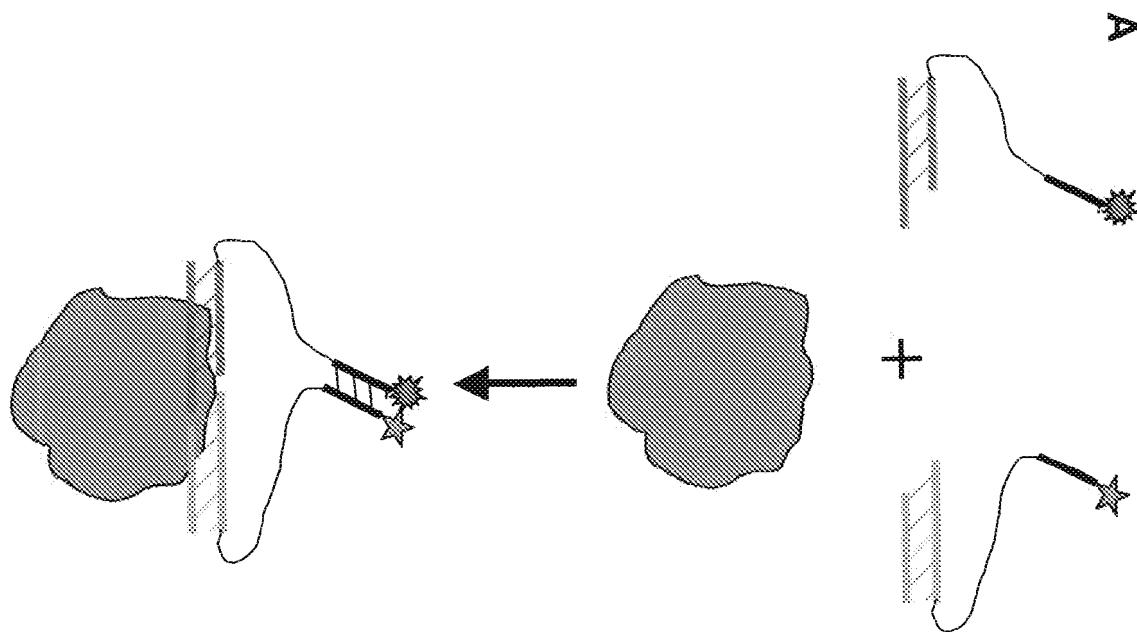
Figs. 24A-24I

ss BURKINBECK
ss DUNEDIN

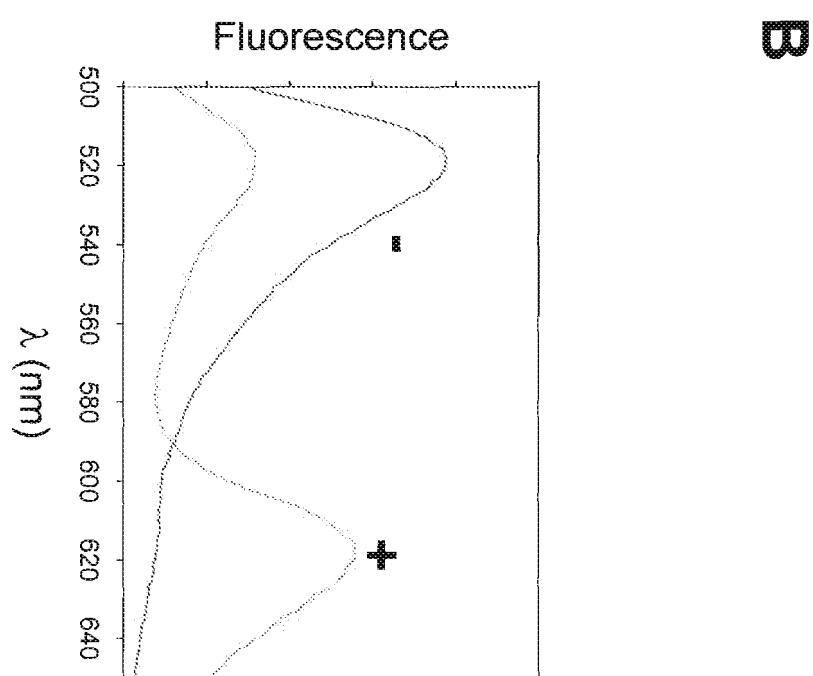
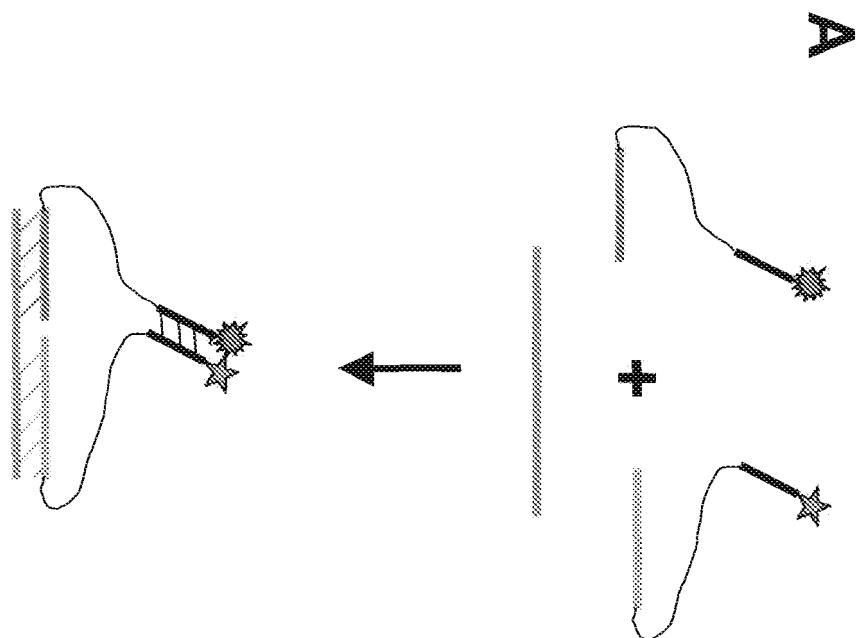
Die Differenziertheit

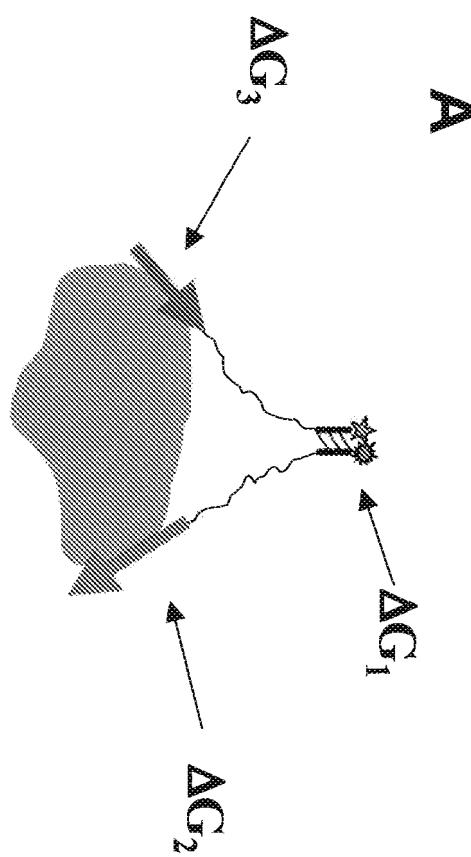
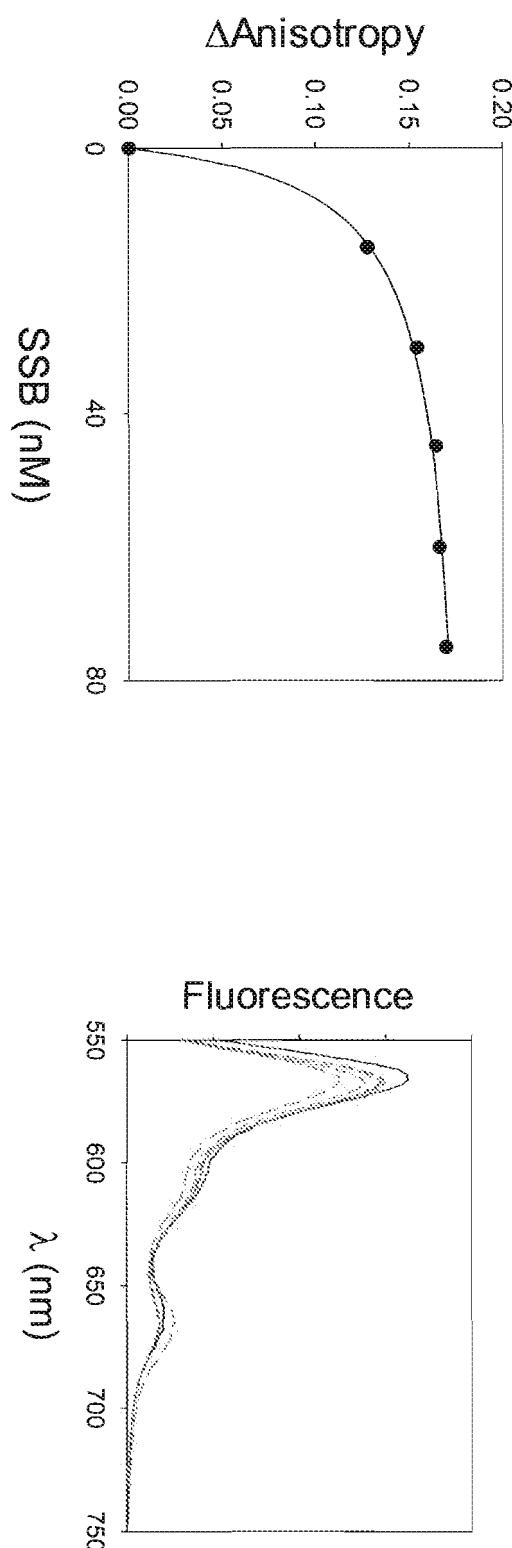


Figs. 25A-25B



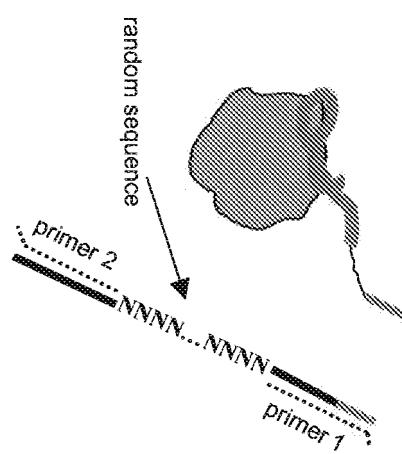
Figs. 26A-26B



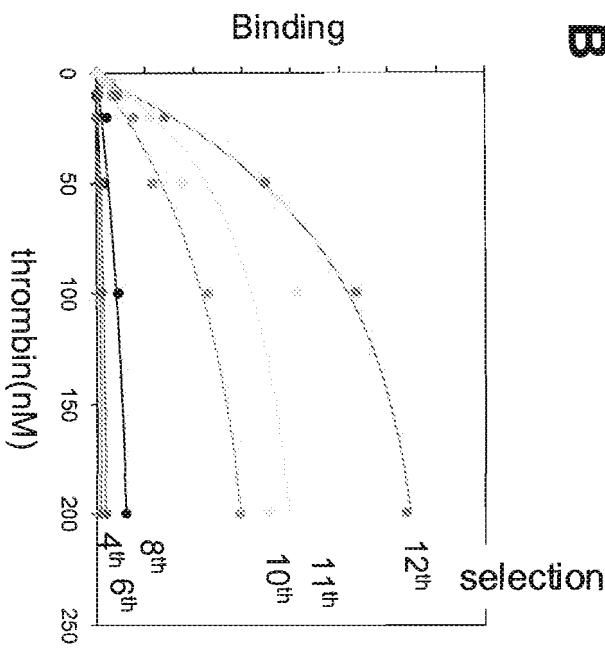
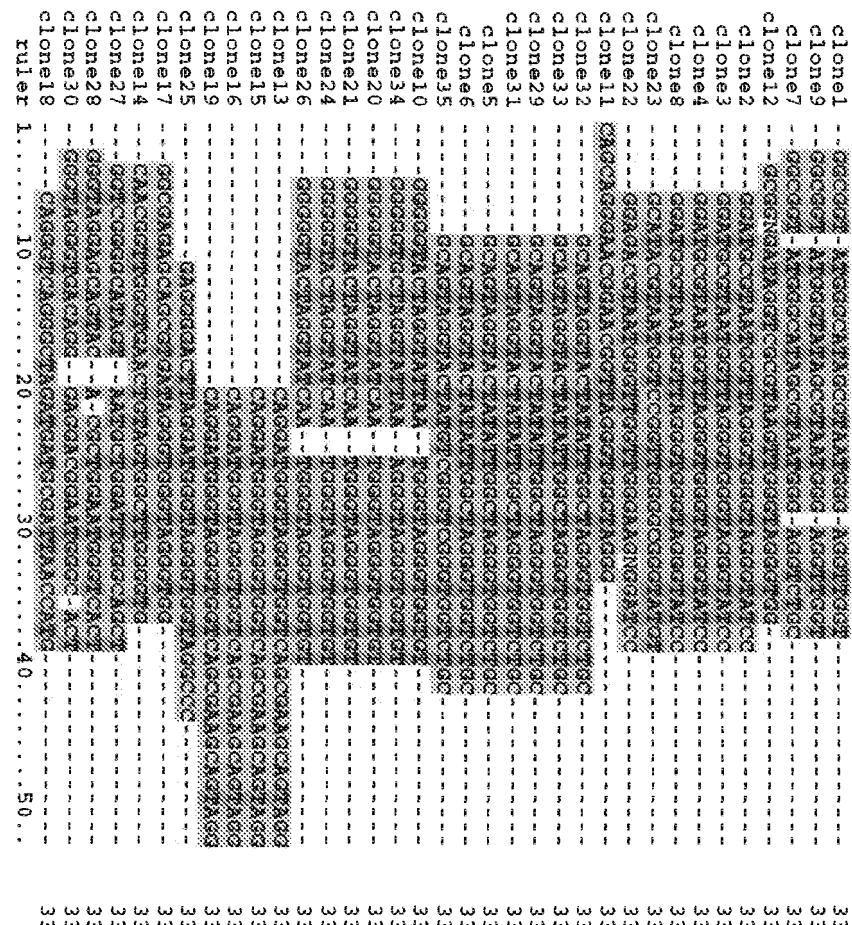


Figs. 28A-28C

A



C



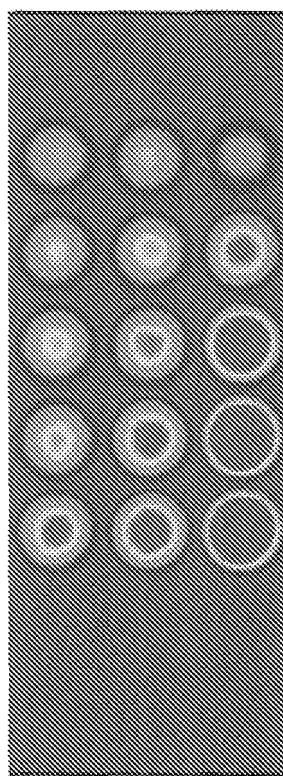
Figs. 29A-29B

clones 20,21,24,26

5'fluorescein~~AGATCG~~XXXXAG GTT GGG GCT ACT AGG TAT CAA TGG GTC GCG TGT AACGC *THR35*
 5'fluorescein~~AGATCG~~XXXXA GTG AAG GTT GGG GCT ACT AGG TAT CAA TGG GTC TGT AACGCC ATAT *THR36*

A

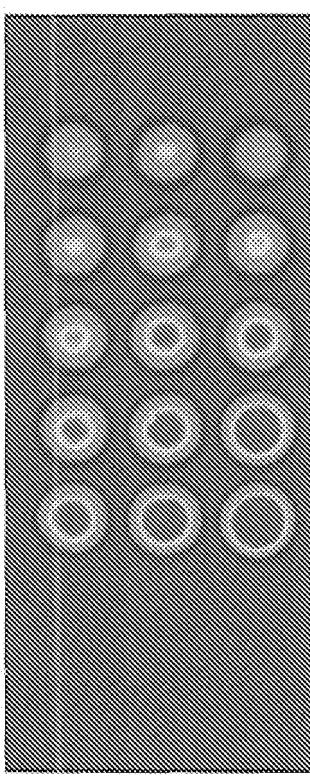
Thrombin (nM) 0 10 20 50 100



THR21/THR27-TexasRed
 THR35/THR27-TexasRed
 THR36/THR27-TexasRed

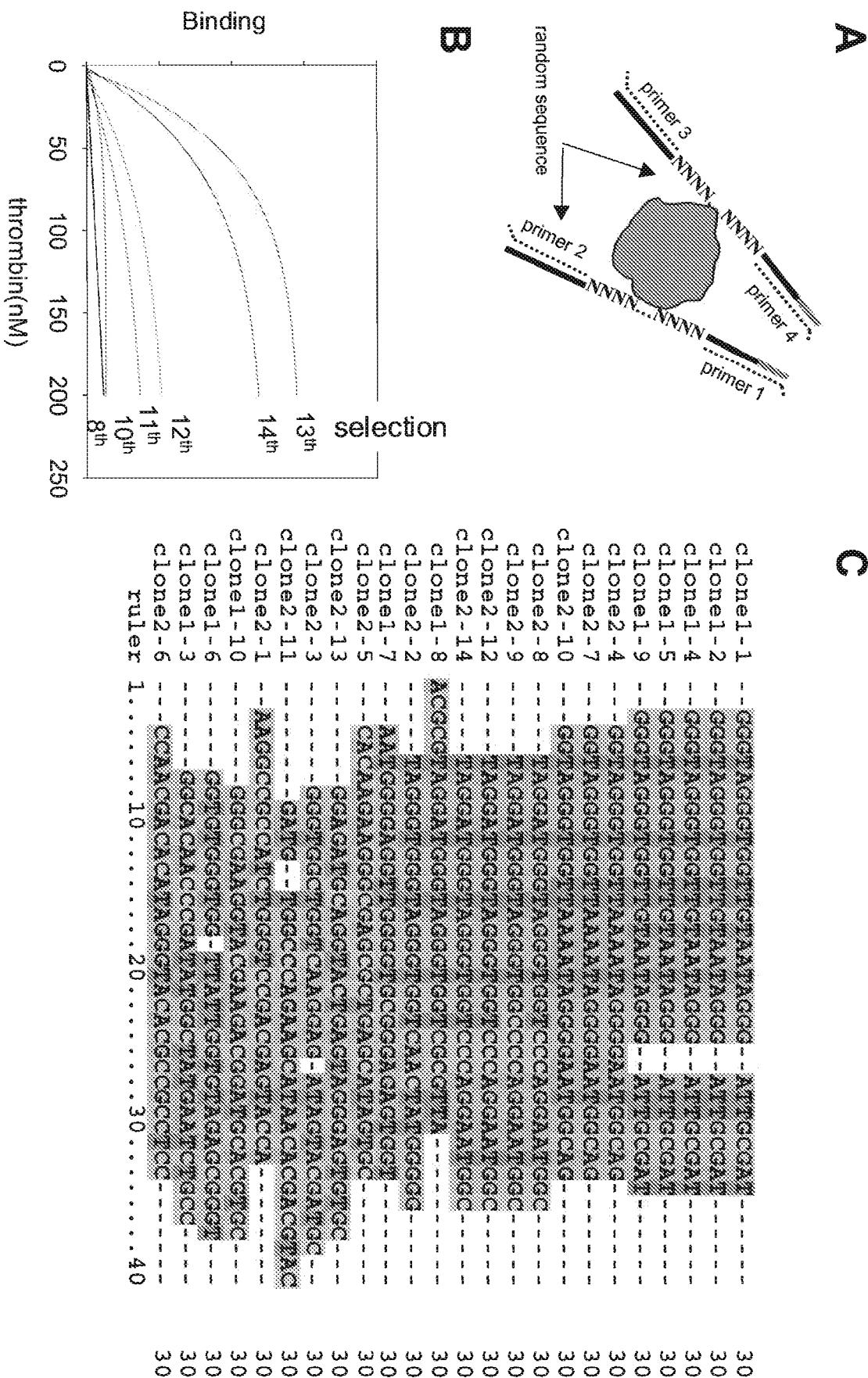
B

Thrombin (nM) 0 10 20 50 100



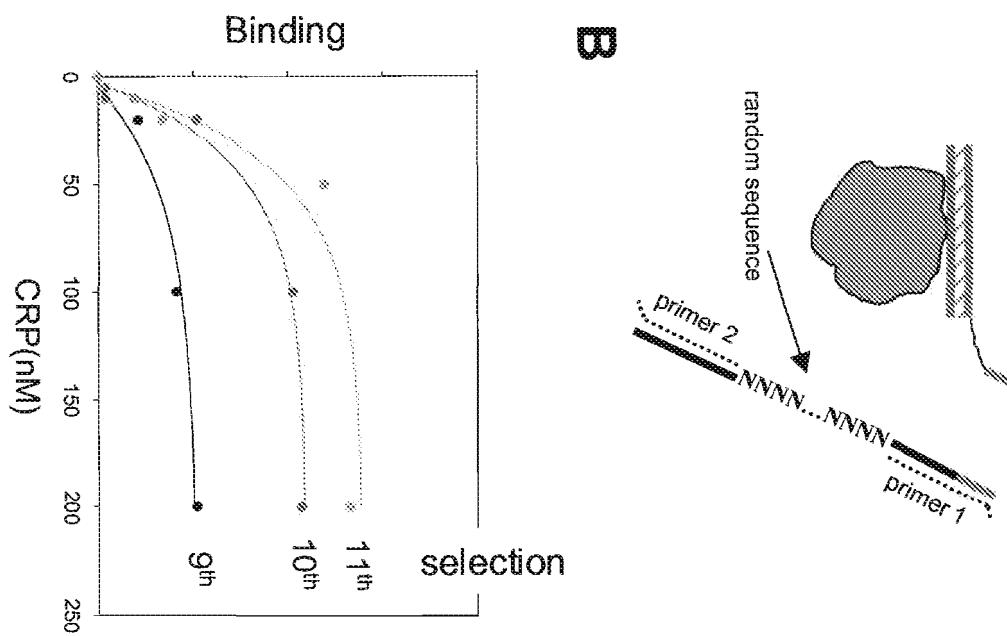
THR21/THR27-TexasRed
 THR35/THR27-TexasRed
 THR36/THR27-TexasRed

Figs. 30A-30C

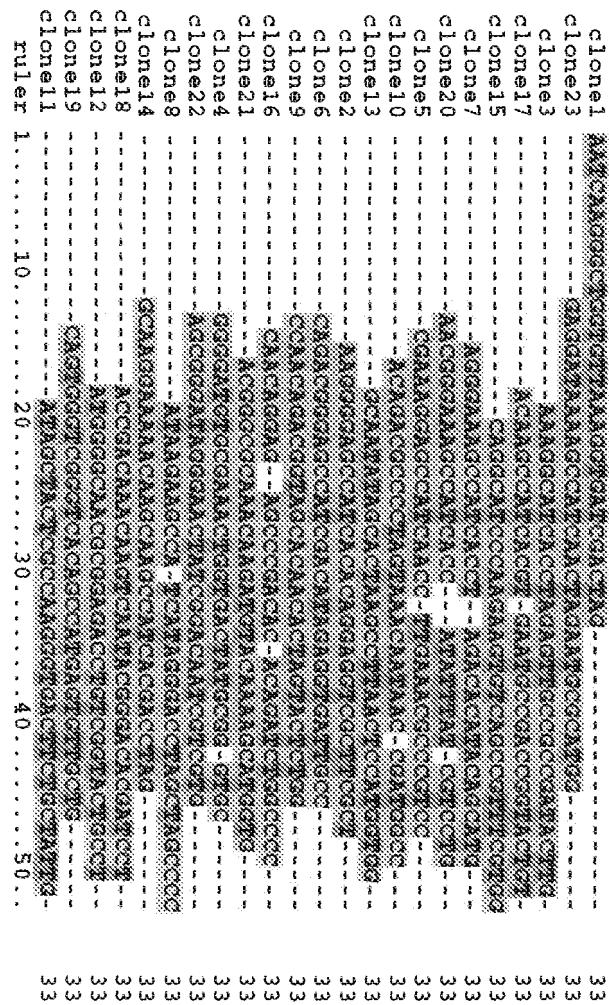


FIGS. 31A-31C

10



1



Figs. 32A-32B

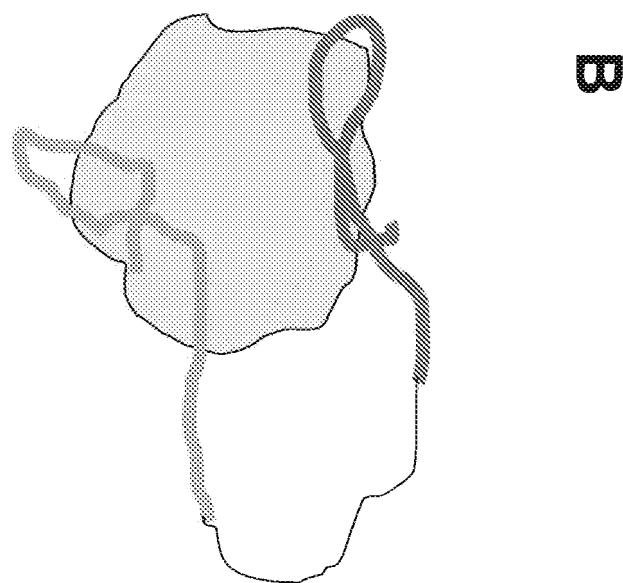
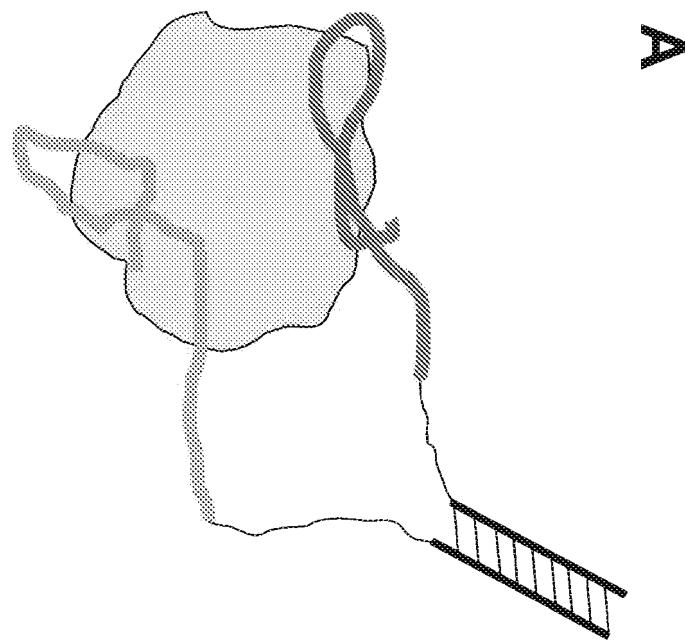


Fig 33

